

Claims 1 and 9 have been amended to be broader in scope than as originally filed. As such, claims 1 and 9 are not narrowed for reasons related to patentability. Therefore, it is respectfully submitted that the amendments to claims 1 and 9 do not create any estoppel and that claims 1 and 9 are fully entitled to application of the doctrine of equivalents.

The specification and claims are also amended to use consistent terminology. Specifically, the term "control element" is used to be consistent with the term "control element identifier" as used throughout the specification and claims as originally filed. It is respectfully submitted that these amendments do not narrow the scope of the claims and do not create any estoppel. Thus, the claims are fully entitled to application of the doctrine of equivalents.

I. THE CLAIMS CONTAIN ALLOWABLE SUBJECT MATTER

The Office Action rejects claims 1-20 under 35 U.S.C. §102(e) as being anticipated by Reichek et al. (U.S. Patent No. 5,960,448). This rejection is respectfully traversed.

Claim 1 recites a system that controls a presentation using a tangible, sensible identification-carrying device comprising at least one presentation element identifier that identifies at least one presentation element. The system includes: a sensor that senses the at least one presentation element identifier and at least one control element identifier; a controller that selects the at least one presentation element identified by the at least one presentation element identifier and affects the presentation based on the sensed at least one control element identifier; and a display that displays the at least one selected presentation element. It is respectfully submitted that none of the references of record disclose, teach or suggest these claimed features.

Reichek teaches a system for displaying a graphically enhanced view of a document image wherein a treatment barcode is read by a barcode reader. The computer system then displays the image with the visual enhancements associated with the barcode. The treatment

barcode includes a treatment number indicating the specific visual enhancement characteristics to be displayed. Reichek can create a presentation book with each notebook page containing a document image with barcodes corresponding to treatments for that document image. The treatments can include highlighting a region of interest, displaying the blow-up of that region of interest, displaying text from the corresponding text file or some other visual effect. The treatments thus allow the user to display an image or the image with a predetermined visual enhancement. However, Reichek does not disclose a system that affects a presentation based on a sensed control element identifier, as recited in claim 1.

The visual enhancements disclosed by Reichek are not control elements as defined in the specification of this application. Thus, the bar codes of Reichek do not correspond to the at least one control element identifier recited in claim 1. As described on page 12, lines 23-32, of the specification of this application, a functional presentation or control element identifier identifies a predefined operation (a control element) to the presentation system. For example, a control element identifier may identify a function that turns off the sound, as illustrated in Fig. 13. In response to sensing this control element identifier, the presentation control system instructs the presentation system to turn off the sound. Other examples of control elements include control elements that provide the ability to forward to the next presentation element, to start and/or end the presentation, to re-display the previous presentation element and to combine multiple presentation elements into a single display, as illustrated in Figs. 14-18, respectively. As described, instead of being linked to a particular presentation element, the control element identifier identifies a control element for affecting the presentation.

The visual enhancements disclosed by Reichek do not contemplate or encompass control of a presentation as described above. Therefore, it is respectfully submitted that the

bar codes that identify visual enhancements as disclosed by Reichel cannot reasonably be considered to be the at least one control element identifier recited in claim 1.

Because of this deficiency, Reichel cannot provide the advantages of the claimed invention. A control element as defined in the specification of this application can control the presentation as a whole. Such control elements aid the user by facilitating the presentation process. Reichel only allows a user to select images including enhanced images.

Claim 9 recites a method for controlling a presentation using physical objects comprising: presenting to a sensor a tangible, sensible identification-carrying device comprising at least one presentation element identifier that identifies at least one presentation element and at least one control element identifier that identifies at least one control element; sensing the at least one presentation element identifier and the at least one control element identifier; selecting the at least one presentation element identified by the at least one presentation element identifier; affecting the presentation based on the sensed control element identifier; and displaying the at least one selected presentation element.

Claim 16 recites a system that generates physical objects usable to control a presentation. The system includes: a controller that associates at least one control element with at least one control element identifier; and a generator that provides a tangible, sensible identification-carrying device with the at least one control element identifier that identifies a function associated with the at least one control element.

For the reasons set forth above with respect to claim 1, it is respectfully submitted that Reichel fails to disclose the features recited in claim 9 and fails to disclose the features recited in claim 16.

Therefore, it is respectfully submitted that claims 1, 9 and 16 are patentable over the references of record. Further, it is respectfully submitted that claims 2-8, 10-15 and 17-20 are each patentable over the references of record at least in view of the patentability of claims 1,

9 and 16 from which they respectively depend, as well as for the additional features they recite. Accordingly, withdrawal of the rejection under 35 U.S.C. §102(e) is respectfully requested.

New claim 21 recites a system that controls a presentation using a tangible, sensible identification-carrying device comprising least one presentation element identifier that identifies at least one presentation element. The system includes: a sensor that senses the at least one presentation element identifier and at least one control element identifier; a controller that selects the at least one presentation element identified by the presentation identifier and affects the presentation based on the sensed at least one control element identifier other than by visual modification of the identified at least one presentation element; and a display that displays the at least one presentation element.

New claim 21 is patentable at least for the reasons set forth above with respect to claim 1. Additionally, it is respectfully submitted that Reichek does not disclose a control element that affects a presentation based on a sensed control element identifier other than by visual modification of an identified presentation element, as recited in claim 21.

New claim 22 recites a method for controlling a presentation using physical objects comprising: presenting to a sensor a tangible, sensible identification-carrying device comprising at least one presentation element identifier that identifies at least one presentation element and at least one control element identifier that identifies at least one control element; sensing the at least one presentation element identifier and the at least one control element identifier; selecting the at least one presentation element identified by the at least one presentation element identifier; affecting the presentation, other than by visual modification of the selected presentation element, based on the sensed control element identifier; and displaying the at least one selected presentation element.

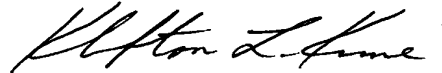
New claim 22 is patentable at least for the reasons set forth above with respect to claim 9. Additionally, it is respectfully submitted that Reichel does not disclose affecting a presentation based on a sensed control element identifier other than by visual modification of an identified presentation element, as recited in claim 22.

I. CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of the claims are earnestly solicited.

Should the Examiner believe that anything further anything further would be desirable in order to place this application in better condition for allowance, the Examiner is invited to contact Applicants' undersigned representative at the telephone number listed below.

Respectfully submitted,



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Attachment:
Appendix

Date: January 8, 2002

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DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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APPENDIX

Changes to Specification:

The following is a marked-up version of the amended paragraph:

Fig. 13 illustrates an exemplary functional tangible sensible identification-carrying device 1500. Specifically, the functional tangible sensible identification device 1500 contains a functional presentation or control element identifier 1510. Instead of being linked to a particular presentation element, the ~~functional presentation~~ control element identifier 1510 identifies a ~~predefined operation~~ control element to the presentation control system. In Fig. 13, the ~~presentation control~~ element identifier 1510 identifies a function that turns off the sound. In response to sensing the ~~presentation control~~ element identifier 1510, the presentation control system instructs the presentation system to turn off the sound. Figs. 14-18 illustrate other exemplary ~~functional tangible sensible control element~~ identification cards which the user may generate to facilitate the presentation process.

Changes to Claims:

Claims 21 and 22 are added.

The following is a marked-up version of the amended claim:

1. (Amended) A system that controls a presentation using a tangible, sensible identification-carrying device comprising at least one presentation element identifier that identifies at least one presentation element, the system comprising:
 - a sensor that senses the at least one presentation element identifier and at least one control element identifier;
 - a controller that selects the at least one presentation element identified by the at least one presentation element identifier and affects the ~~at least one presentation element~~ based on the sensed at least one control element identifier; and
 - a display that displays the at least one selected presentation element.

2. (Amended) The system of claim 1, further comprising a memory that stores at least one of the at least one presentation element, the at least one presentation element identifier, at least one ~~controllable-control~~ control element and the at least one control element identifier.

3. (Amended) The system of claim 2, further comprising an identification controller that associates the at least one control element identifier and the at least one ~~controllable-control~~ control element.

4. (Amended) The system of claim 2, wherein one or more control element identifiers are associated with the at least one ~~controllable-control~~ control element.

9. (Amended) A method for controlling a presentation using physical objects comprising:

presenting to a sensor a tangible, sensible identification-carrying device comprising at least one presentation element identifier that identifies at least one presentation element and at least one control element identifier at least one ~~controllable-control~~ control element;

sensing the at least one presentation element identifier and the at least one control element identifier;

selecting the at least one presentation element identifier by the at least one presentation element identifier;

affecting the ~~at least one controllable element presentation~~ presentation based on the sensed control element identifier; and

displaying the at least one selected presentation element.

10. (Amended) The method of claim 9, further comprising associating the at least one ~~controllable-control~~ control element identified by the at least one control element identifier based on a mapping data structure.

16. (Amended) A system that generates physical objects usable to control a presentation, comprising:

a controller that associates at least one ~~controllable-control~~ control element with at least one control element identifier; and

a generator that provides a tangible, sensible identification-carrying device with the at least one control element identifier that identifies a function associated with the at least one ~~controllable-control~~ control element.

17. (Amended) The system of claim 16, further comprising a memory that stores at least one of the at least one presentation element, the at least one presentation element identifier, the at least one control element identifier and the at least one ~~controllable-control~~ control element.